

# [PROTECTIVE PACKAGING DEVICE FOR BLAST AND FRAGMENTATION MITIGATION]

## Abstract

A protective packaging device provides mitigation of the blast effect and fragmentation of a hand grenade when the grenade is detonated. The device includes at least one protective housing assembly, formed by inner and outer nested housing members, in which the hand grenade is received, and which, in response to detonation of the grenade, retains fragments of the grenade while providing controlled release, through the mesh material, of gases formed upon detonation. A cushioning container includes a cushioning material having a plurality of open compartments therein in which a corresponding plurality of the protective housing assemblies are received.